ABSTRACT

A flash driver architecture openly compatible to operate as interface between most types of file systems and flash memory media regardless of the manufacturer. The flash driver includes a flash abstraction logic that serves as a manager for operating characteristics that are common to the plurality of different types flash memory media. The flash driver may also include a programmable flash medium logic that performs more specific operations in direct communication with the flash memory medium. A user/manufacturer of a computer device can optimally select a set of programmable entry points associated with the flash medium logic to ensure congruent and seamless operation between the file system and flash memory medium selected by the user/manufacturer of the computer.